

# WEATHER & CROPS

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Released: September 10, 2007

(USPS 352-910)

7-B07-30

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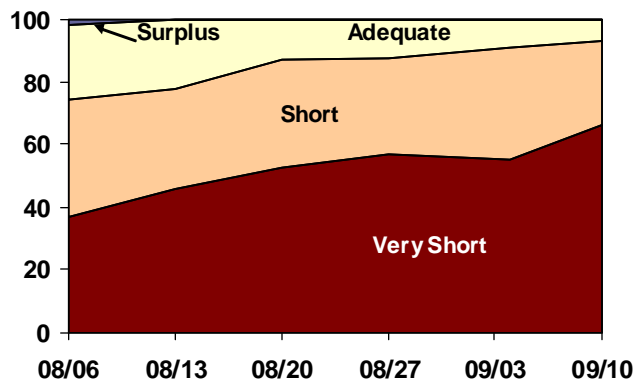
## CROP SUMMARY FOR THE WEEK ENDING SEPTEMBER 9, 2007

GENERAL: North Carolina continues to experience drought conditions across the entire state. Above normal temperatures also continue to dominate the State with highs ranging from 74 to 99 degrees. Rainfall was virtually non-existent with Greenville having the most rain, 0.45 inches. There were 6.6 days suitable for field work compared to 6.5 from the previous week. Statewide soil moisture levels are rated at 66% very short, 27% short, 7% adequate, and 0% surplus. Activities during the week included the harvesting of corn for grain, corn for silage, apples, peaches, hay, burley tobacco, flue-cured tobacco, and sorghum. Other activities included the scouting for pest and disease problems.

### CROP PROGRESS PERCENT - WITH COMPARISONS

|                        | This Week | Last Week | Last Year | 5-Year Average |
|------------------------|-----------|-----------|-----------|----------------|
| PHENOLOGICAL:          |           |           |           |                |
| Cotton % Bolls Opening | 73        | 51        | 39        | 46             |
| Corn % Mature          | 96        | 87        | 92        | 87             |
| Soybeans % Blooming    | 96        | 94        | 97        | 98             |
| Soybeans % Pods Set    | 83        | 79        | 90        | 89             |
| Soybeans % Leaf Drop   | 16        | 14        | 13        | N/A            |
| HARVESTED:             |           |           |           |                |
| Apples                 | 20        | 15        | 36        | 46             |
| Corn For Grain         | 47        | 27        | 30        | 34             |
| Corn For Silage        | 90        | 84        | 88        | 83             |
| Hay 2nd Cutting        | 87        | 85        | 87        | 86             |
| Peaches                | 97        | 91        | 100       | 99             |
| Sorghum                | 33        | 23        | 35        | 17             |
| Tobacco: Burley        | 70        | 60        | 26        | 31             |
| Tobacco: Flue-cured    | 62        | 59        | 76        | 75             |

### SOIL MOISTURE PERCENTS STATEWIDE



### TOPSOIL MOISTURE PERCENT

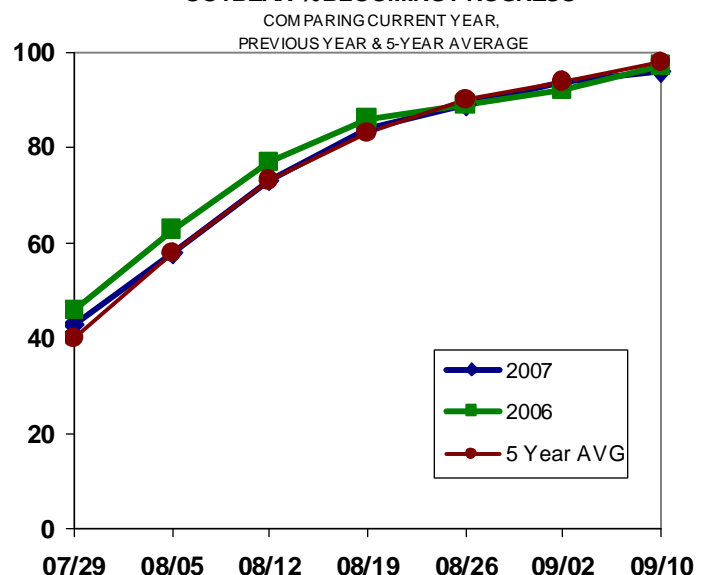
|                      | Very Short | Short | Adequate | Surplus |
|----------------------|------------|-------|----------|---------|
| State                | 66         | 27    | 7        | 0       |
| Mountain Region      | 56         | 40    | 4        | 0       |
| Piedmont Region      | 86         | 9     | 5        | 0       |
| Coastal Plain Region | 54         | 34    | 12       | 0       |

### CROP CONDITION PERCENT

|               | VP | P  | F  | G  | EX |
|---------------|----|----|----|----|----|
| Apples        | 70 | 15 | 5  | 10 | 0  |
| Cotton        | 19 | 31 | 33 | 13 | 4  |
| Corn          | 23 | 27 | 23 | 19 | 8  |
| Hay           | 55 | 27 | 15 | 3  | 0  |
| Pasture       | 63 | 26 | 10 | 1  | 0  |
| Peanuts       | 8  | 29 | 41 | 22 | 0  |
| Sorghum       | 9  | 41 | 41 | 9  | 0  |
| Soybeans      | 34 | 32 | 19 | 12 | 3  |
| Sweetpotatoes | 14 | 38 | 37 | 10 | 1  |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

### SOYBEAN %BLOOMING PROGRESS



Crop information in this report is provided voluntarily by county officials of the Cooperative Extension Service, FSA, NRCS and other knowledgeable individuals.

WEATHER SUMMARY FOR THE WEEK ENDING SEPTEMBER 8, 2007

| Station Location | Precipitation (Inches) <sup>1</sup> |                                 |                       |                                       | Temperature (Degrees F.)<br>For This Week |     |         |                       |
|------------------|-------------------------------------|---------------------------------|-----------------------|---------------------------------------|---|-----|---------|-----------------------|
|                  | Total This Week                     | Departure From Normal This Week | Total Since January 1 | Departure From Normal Since January 1 | High                                      | Low | Average | Departure From Normal |
|                  |                                     |                                 |                       |                                       |   |     |         |                       |
| Apex             | 0.00                                | -0.79                           | 22.32                 | -10.52                                | 94  | 60  | 77      | 3                     |
| Asheville        | 0.00                                | -0.96                           | 24.10                 | -10.16                                | 87  | 55  | 71      | 3                     |
| Aurora           | 0.00                                | -1.19                           | 26.30                 | -11.84                                | 88  | 67  | 78      | 3                     |
| Beech Mountain   | 0.01                                | -1.39                           | 30.51                 | -13.75                                | 74  | 53  | 64      | 6                     |
| Chapel Hill      | 0.00                                | -0.81                           | 23.42                 | -10.05                                | 96  | 60  | 78      | 6                     |
| Charlotte        | 0.00                                | -0.84                           | 20.57                 | -10.03                                | 94  | 60  | 78      | 3                     |
| Clinton          | 0.00                                | -1.07                           | 22.17                 | -16.95                                | 94  | 59  | 77      | 2                     |
| Concord          | 0.00                                | -0.84                           | 23.22                 | -9.47                                 | 97  | 60  | 77      | 3                     |
| Eden             | 0.00                                | -0.77                           | 24.77                 | -6.91                                 | 92  | 57  | 75      | 4                     |
| Elizabeth City   | 0.00                                | -1.12                           | 19.40                 | -16.18                                | 89  | 58  | 74      | -2                    |
| Fayetteville     | 0.00                                | -1.11                           | 18.77                 | -16.05                                | 94  | 62  | 78      | 3                     |
| Goldsboro        | 0.00                                | -1.13                           | 22.80                 | -14.04                                | 93  | 60  | 76      | 1                     |
| Greensboro       | 0.00                                | -0.84                           | 20.00                 | -10.35                                | 93  | 62  | 79      | 7                     |
| Greenville       | 0.45                                | -0.69                           | 23.99                 | -13.19                                | 95  | 57  | 77      | 3                     |
| Halifax          | 0.00                                | -0.89                           | 24.37                 | -8.86                                 | 97  | 58  | 79      | 6                     |
| Hayesville       | 0.00                                | -0.91                           | 26.51                 | -6.59                                 | 92  | 57  | 75      | 0                     |
| Hickory          | 0.07                                | -0.91                           | 17.92                 | -17.30                                | 94  | 63  | 78      | 6                     |
| Jackson Springs  | 0.00                                | -0.87                           | 22.03                 | -12.03                                | 94  | 61  | 77      | 4                     |
| Jacksonville     | 0.20                                | -1.13                           | 25.54                 | -16.52                                | 90  | 62  | 78      | 3                     |
| Jefferson        | 0.00                                | -0.98                           | 22.26                 | -11.74                                | 89  | 47  | 69      | 4                     |
| Kinston          | 0.00                                | -1.21                           | 25.83                 | -12.92                                | 92  | 55  | 75      | 1                     |
| Laurinburg       | 0.00                                | -1.04                           | 19.93                 | -16.21                                | 94  | 61  | 79      | 4                     |
| Lenoir           | 0.00                                | -0.98                           | 21.85                 | -13.26                                | 93  | 59  | 76      | 4                     |
| Lexington        | 0.00                                | -0.80                           | 22.39                 | -9.93                                 | 99  | 56  | 77      | 4                     |
| Lincolnton       | 0.00                                | -0.84                           | 19.79                 | -13.82                                | 95  | 57  | 77      | 4                     |
| Louisburg        | 0.00                                | -0.94                           | 21.56                 | -11.52                                | 94  | 56  | 76      | 5                     |
| Marshall         | 0.00                                | -0.74                           | 21.01                 | -8.74                                 | 91  | 51  | 71      | 4                     |
| Monroe           | 0.00                                | -0.95                           | 16.28                 | -18.27                                | 95  | 62  | 78      | 4                     |
| Mount Airy       | 0.00                                | -0.97                           | 29.07                 | -3.19                                 | 91  | 57  | 74      | 3                     |
| New Bern         | 0.24                                | -1.10                           | 28.24                 | -12.74                                | 90  | 60  | 76      | 0                     |
| North Wilkesboro | 0.00                                | -1.03                           | 25.49                 | -10.37                                | 93  | 58  | 75      | 6                     |
| Old Fort         | 0.00                                | -1.04                           | 25.14                 | -12.84                                | 91  | 55  | 73      | 6                     |
| Oxford           | 0.00                                | -0.83                           | 22.19                 | -9.80                                 | 96  | 58  | 77      | 6                     |
| Raleigh-Durham   | 0.00                                | -0.79                           | 23.99                 | -6.20                                 | 96  | 59  | 79      | 6                     |
| Roanoke Rapids   | 0.00                                | -0.89                           | 22.44                 | -10.79                                | 93  | 56  | 76      | 3                     |
| Rocky Mount      | 0.00                                | -0.84                           | 17.41                 | -14.64                                | 93  | 56  | 76      | 2                     |
| Siler City       | 0.00                                | -0.87                           | 25.70                 | -9.06                                 | 92  | 58  | 76      | 5                     |
| Waynesville      | 0.00                                | -0.84                           | 24.50                 | -9.72                                 | 85  | 50  | 68      | 2                     |
| Whiteville       | 0.00                                | -1.11                           | 20.31                 | -16.69                                | 93  | 58  | 77      | 2                     |
| Williamston      | 0.00                                | -1.09                           | 24.94                 | -10.98                                | 91  | 58  | 75      | 1                     |
| Wilmington       | 0.03                                | -1.32                           | 21.81                 | -19.74                                | 87  | 63  | 76      | -2                    |

<sup>1</sup> Precipitation data considered preliminary

